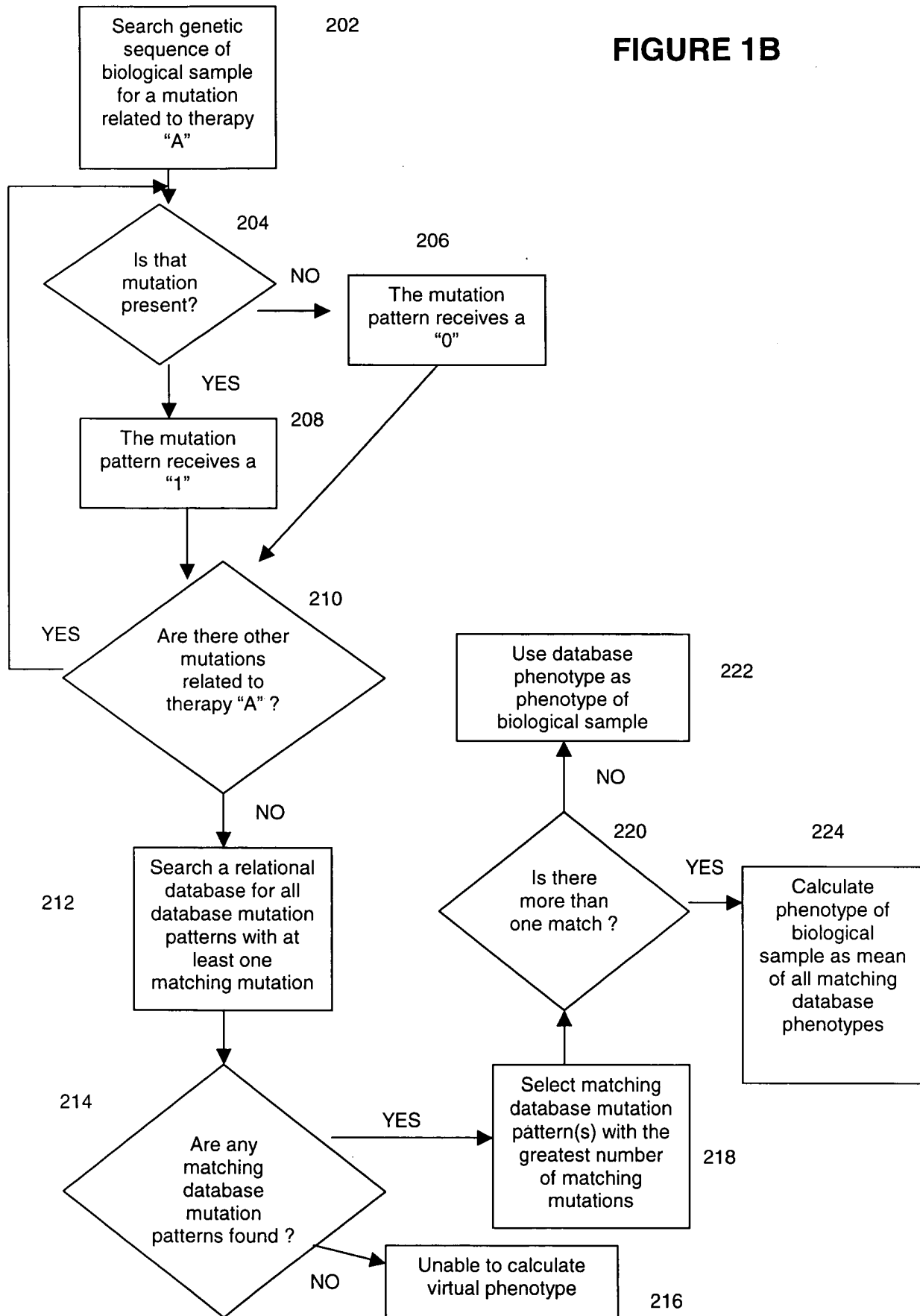


FIGURE 1A

FIGURE 1B



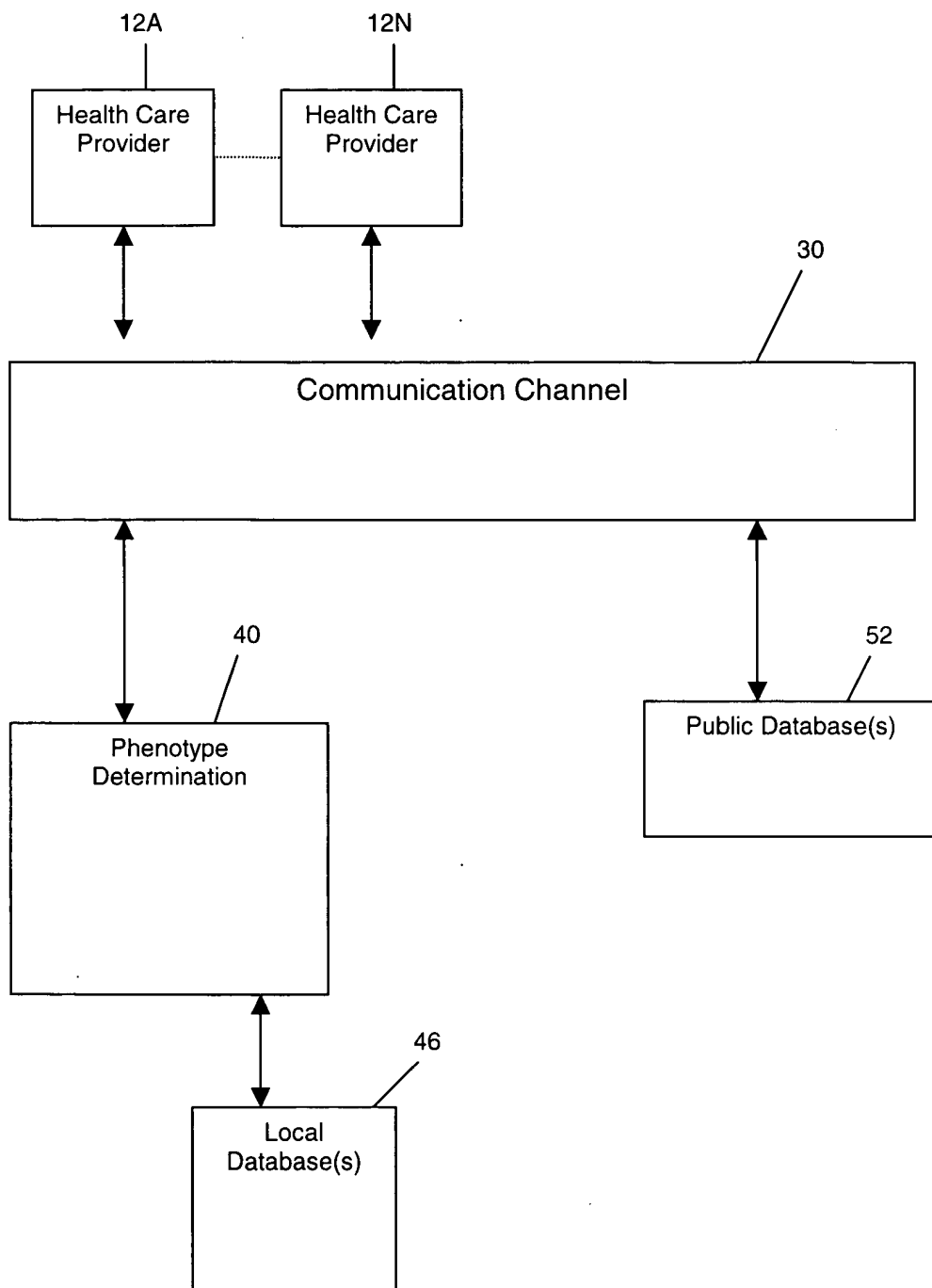


FIGURE 2

FIGURE 3

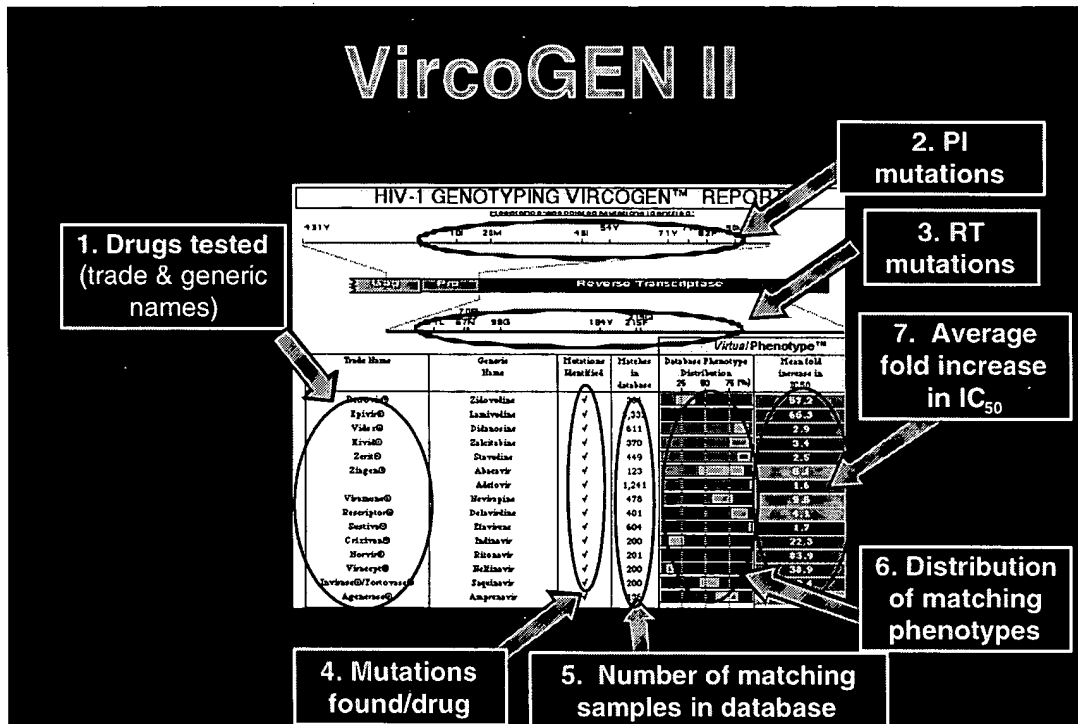


FIGURE 4

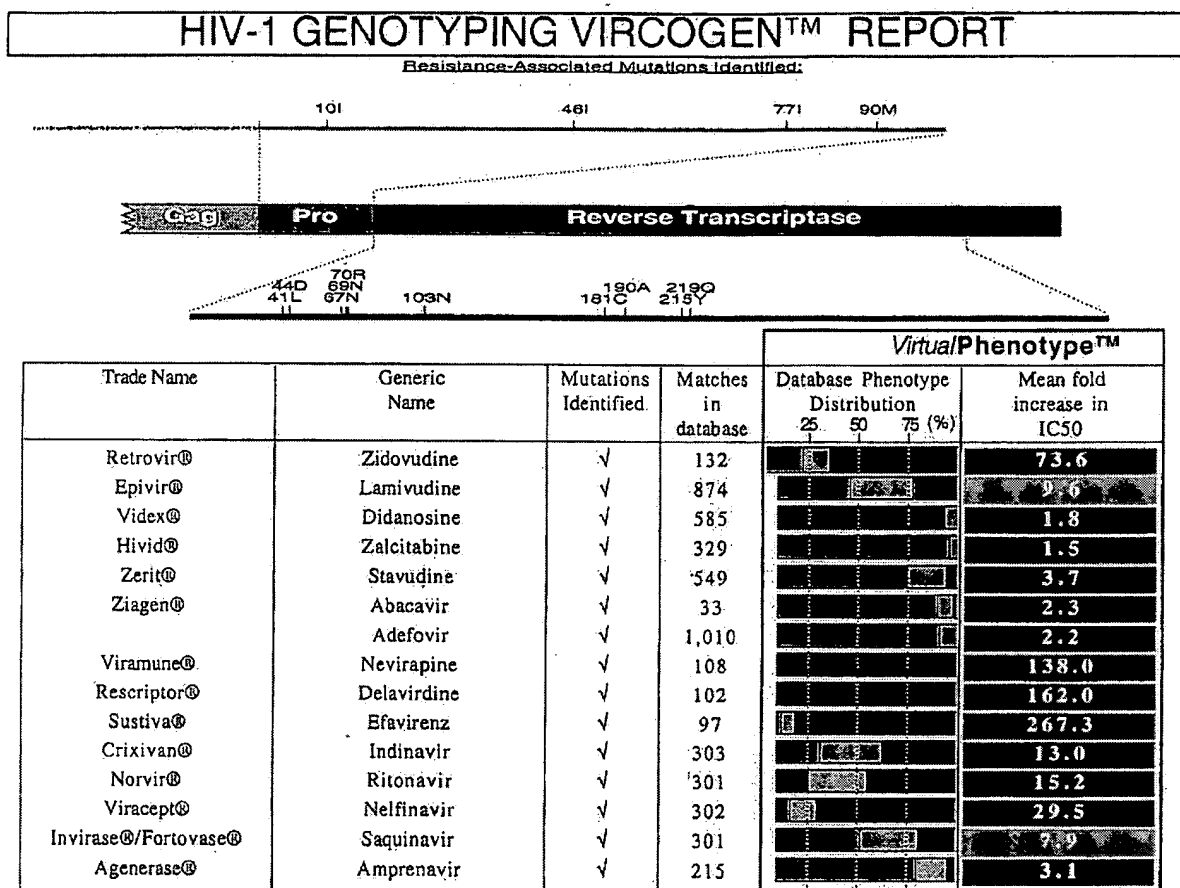


FIGURE 5

Virtual & Actual phenotypes

	Matches in Database	Database Pheno spread			Median fold increase in IC50	Actual Phenotype
		25%	50%	75%		
Indinavir	139				13x	17x
Ritonavir	139				115x	179x
Nelfinavir	139				17x	63x
Saquinavir	139				30x	32x
Amprenavir	139				5x	7.5x

Overall Concordance

- **10,000 Samples:**
 - Complete concordance: 90 - 94%
 - Partial concordance: 6 - 9%
 - Discordance: <1%

FIGURE 6

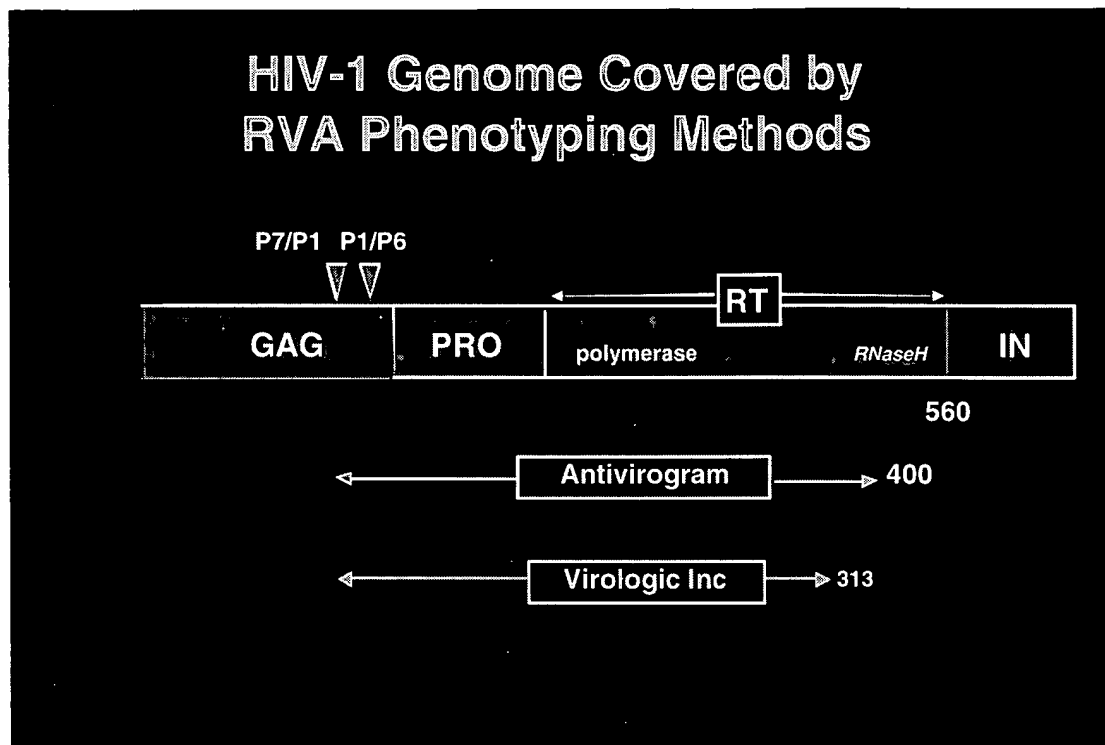


FIGURE 7

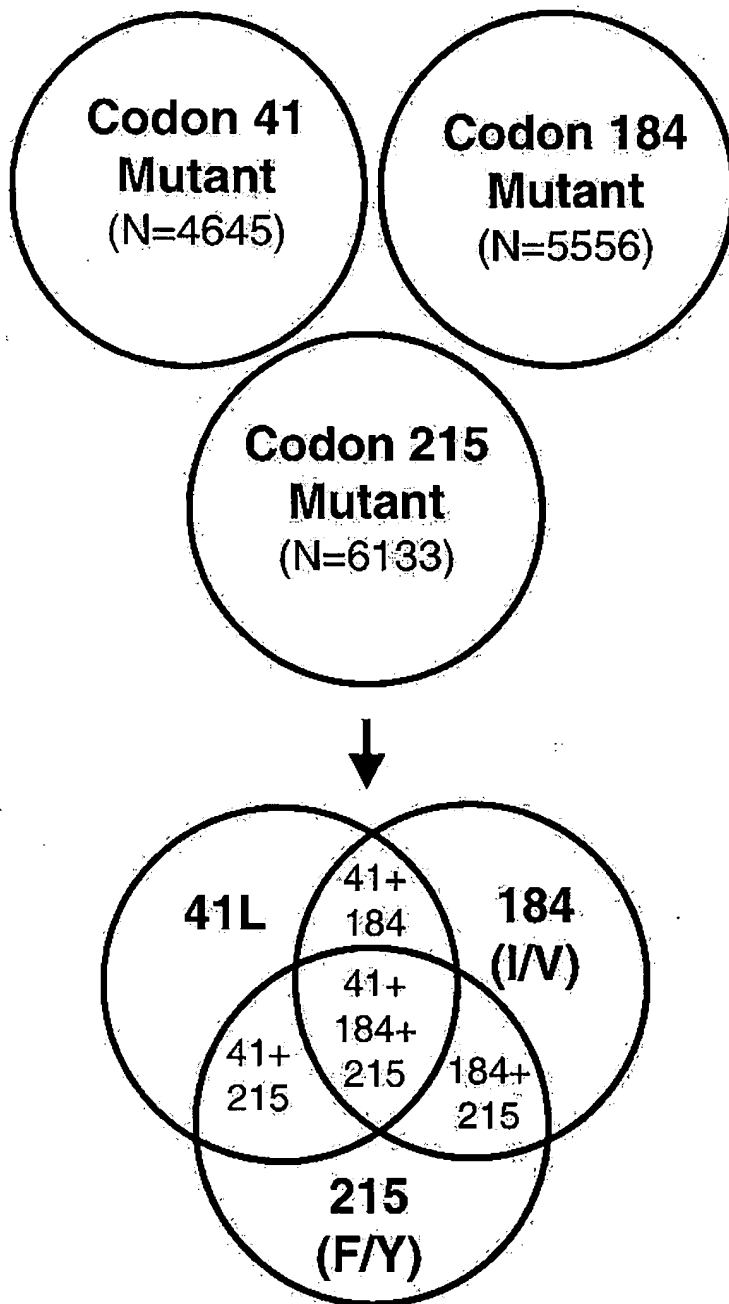


FIGURE 8

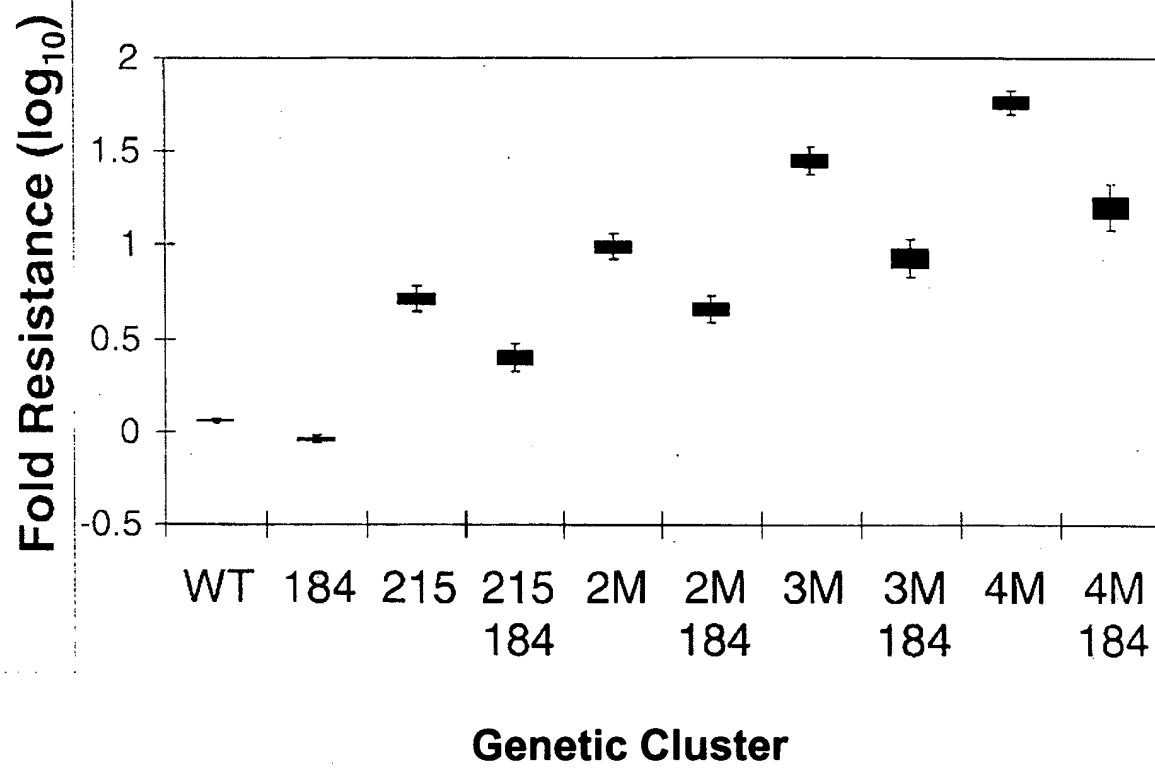


FIGURE 9

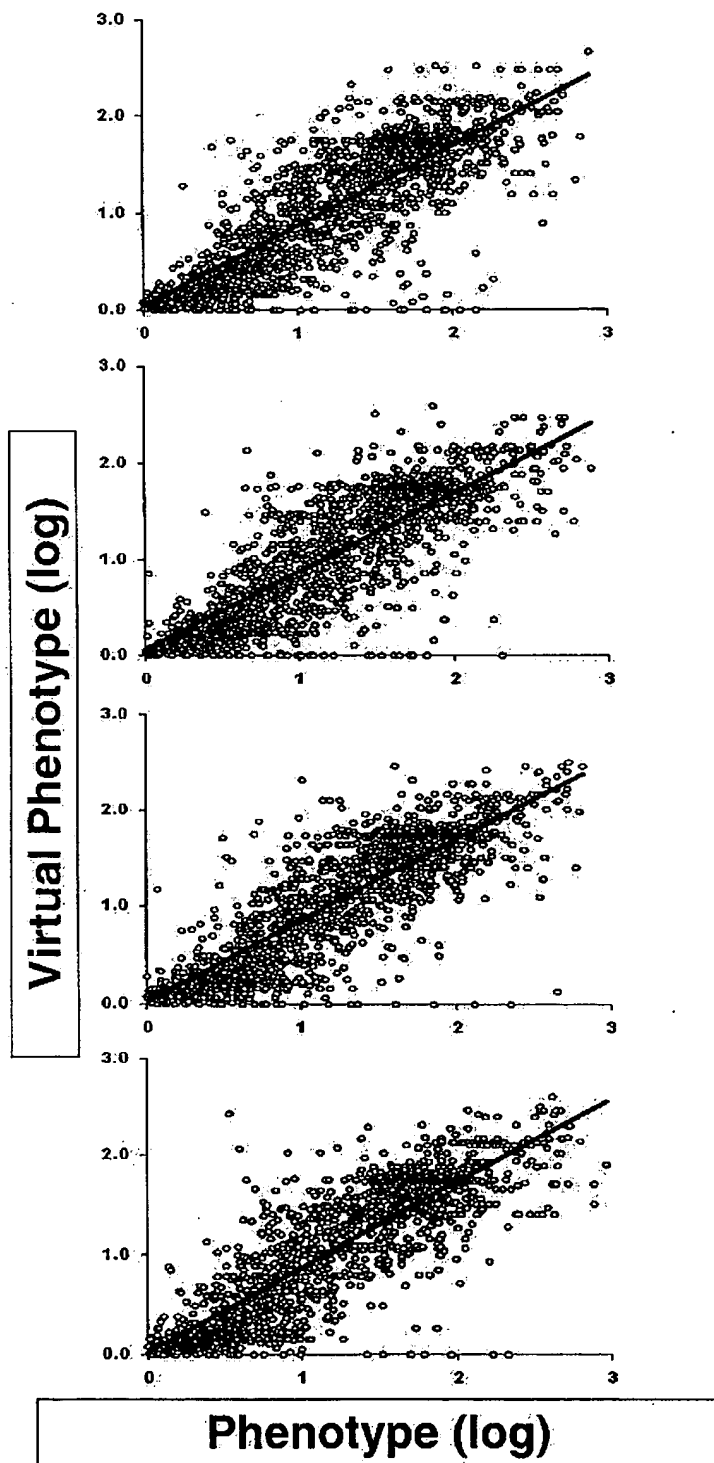


FIGURE 10A

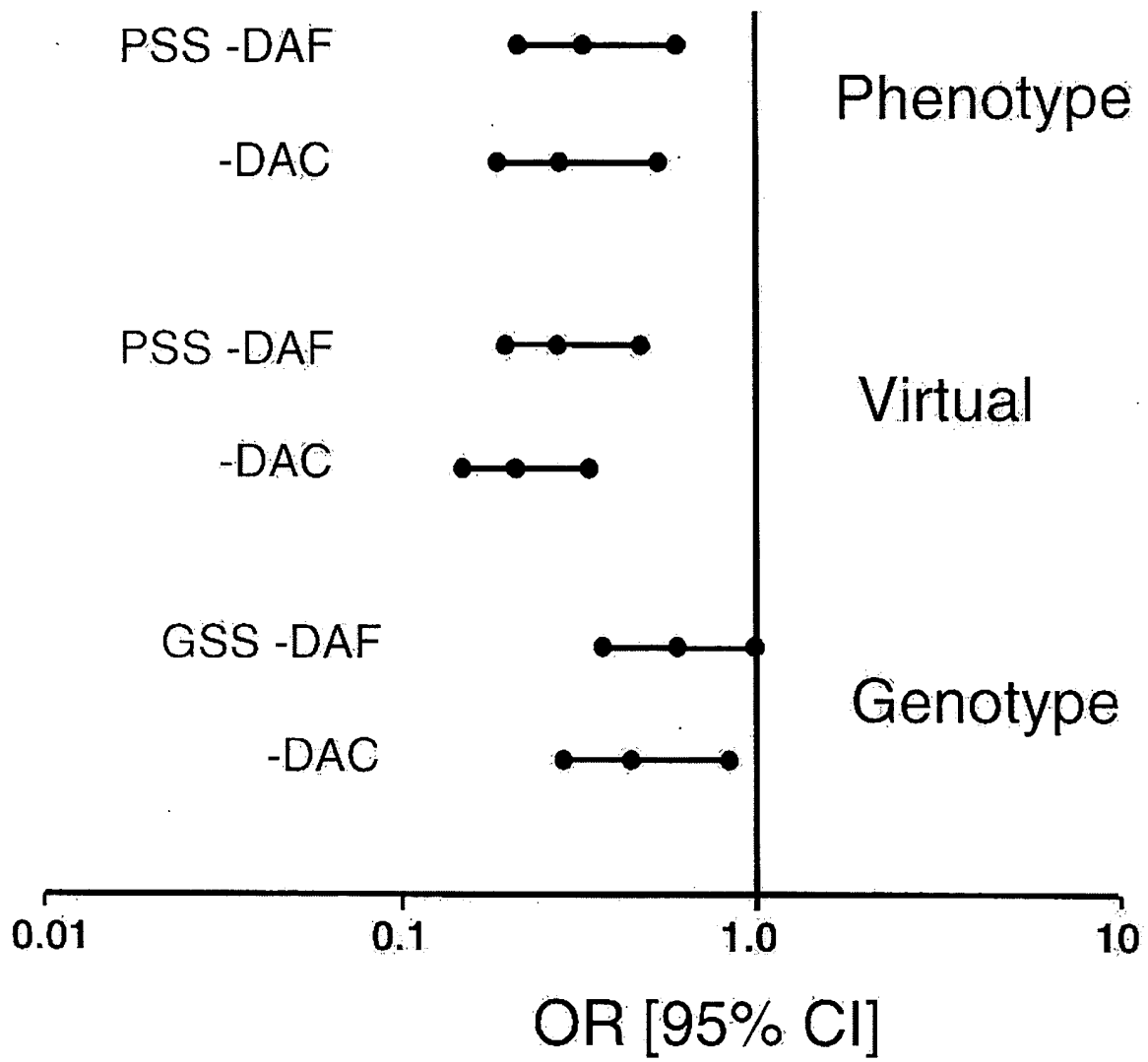


FIGURE 10B

